



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

PGT Industries
1070 Technology Drive
Nokomis, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "C-700" Outswing Aluminum Casement Window – Impact Resistant

APPROVAL DOCUMENT: Drawing No. 339, titled "Aluminum Casement Window", sheets 1 through 5, prepared, signed and sealed by Robert L. Clark, P.E., dated 3/22/02, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

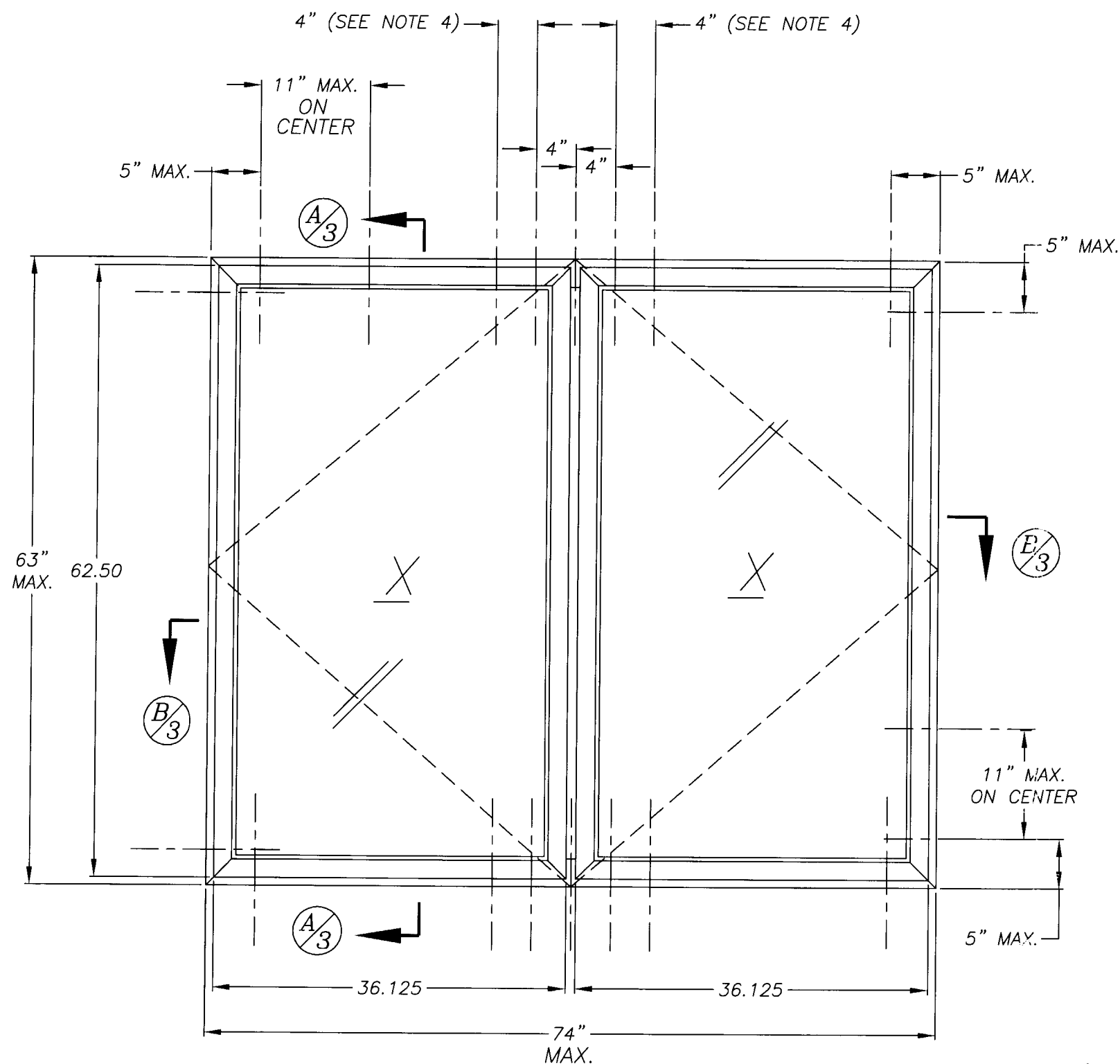
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 01-1108.07 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



NOA No 02-0327.04
Expiration Date: January 28, 2007
Approval Date: May 23, 2002
Page 1



SEE SHEET 4 OF 5 FOR SECTIONS & GLAZING OPTION DETAILS

LARGE MISSILE IMPACT WINDOWS

- GLAZING OPTIONS: 5/16" (.350) LAMINATED GLASS W/ MONSANTO SAFLEX OR DUPONT PVB W/BUTACITE INTERLAYER.
 - 1/8" HEAT STRENGTHENED GLASS, .090 INTERLAYER, 1/8" HEAT STRENGTHENED GLASS
 - 1/8" ANNEALED GLASS, .090 INTERLAYER, 1/8" ANNEALED GLASS
- CONFIGURATIONS: XX
- DESIGN PRESSURE RATING: SEE TABLE
 - NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLE ASTM E 1300-98.
 - POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLE ASTM E 1300-98.
- ANCHORS:
 - MAX. 5" FROM EACH CORNER
 - #10 SCREWS - 2 ANCHORS 4" APART, 4" FROM EACH MEETING RAIL
 - 3/16" TAPCONS - 1 ANCHOR, 4" FROM EACH MEETING RAIL
 - MAX. SPACING AT HEAD & SILL: 11"
 - MAX. SPACING AT JAMBS: 11"
- SHUTTER REQUIREMENT: NO SHUTTERS REQUIRED
- REFERENCE TEST REPORT: FTL-2246

COMPARATIVE ANALYSIS FOR:	5/16" LAMINATED (1/8HS, .090, 1/8HS)	FTL-2246
ALL SIZES UP TO 74.000 WIDE x 63.000 HIGH:	NEG -75.0	POS 75.0

COMPARATIVE ANALYSIS FOR:			5/16" LAMINATED (1/8A,.090,1/8A)						FTL-2246	
WINDOW WIDTH	WINDOW HEIGHT									
	34.000		38.375		50.625		56.000		63.000	
	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS
48.000	-75.0	75.0	-75.0	75.0	-75.0	75.0	-75.0	75.0	-75.0	75.0
53.125	-75.0	75.0	-75.0	75.0	-75.0	75.0	-69.0	69.0	-63.7	63.7
64.000	-75.0	75.0	-75.0	75.0	-57.2	57.2	-52.5	52.5	-45.3	45.3
66.000	-75.0	75.0	-75.0	75.0	-55.2	55.2	-50.0	50.0	-42.9	42.9
72.000	-75.0	75.0	-67.8	67.8	-49.9	49.9	-44.4	44.4	-38.6	38.6
74.000	-75.0	75.0	-65.4	65.4	-48.6	48.6	-43.3	43.3	-37.6	37.6

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0327.04
Expiration Date January 28, 2007

By: *[Signature]*
Miami Dade Product Control
Division

[Signature]
3/22/02

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

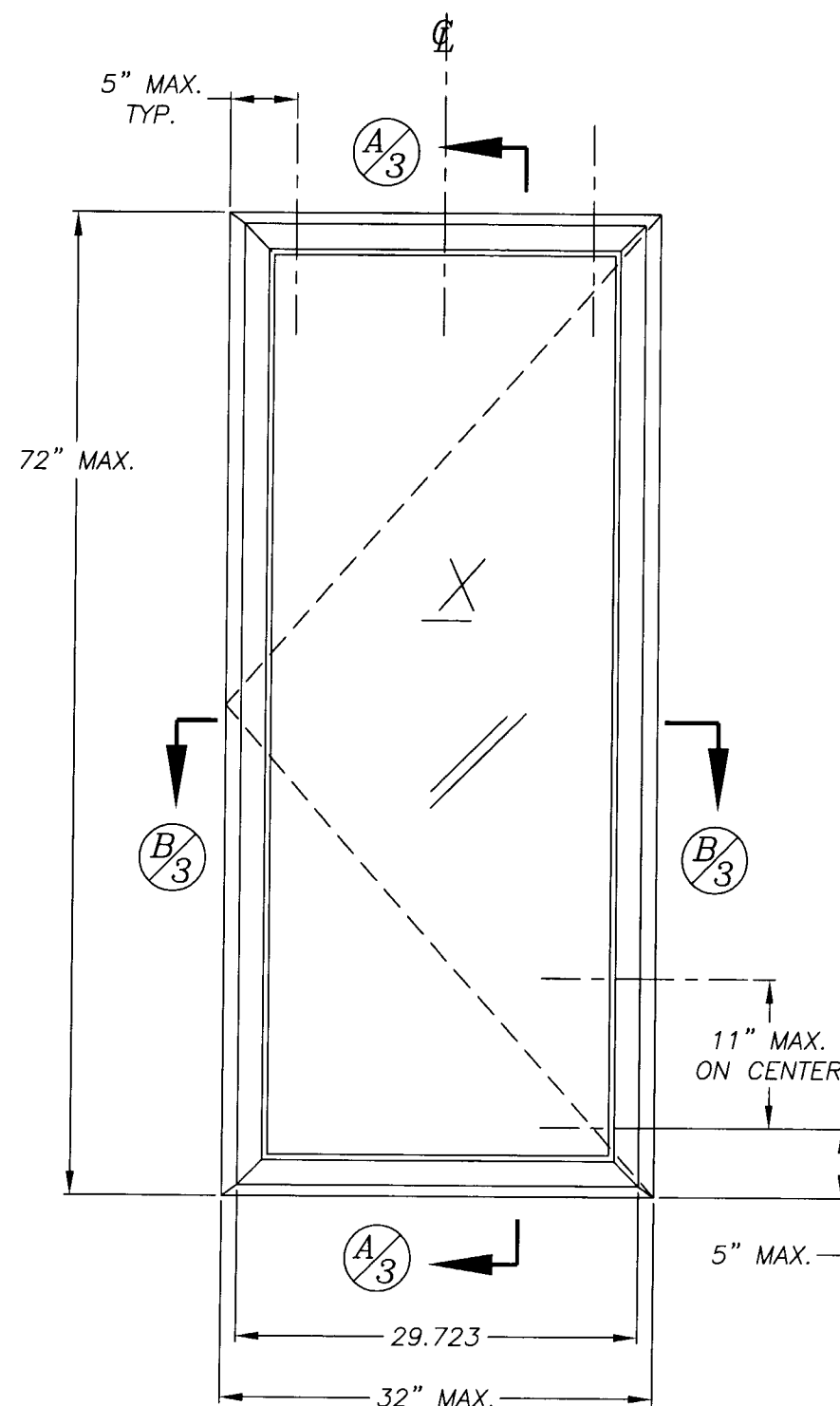
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By:	Date:	Revisions:
F.K.	3/8/02	MODIFY TABLE
Revsd By:	Date:	Revisions:
F.K.	11/6/01	ADD SHT & TABLES
Drawn By:	Date:	
D.B.	2/13/98	

Description:
ELEVATION "XX" CONFIG.

Title:
ALUMINUM CASEMENT IMPACT WINDOW

Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
C-700	NTS	1 of 5	339	F



LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING OPTIONS: 5/16" (.350) LAMINATED GLASS W/ MONSANTO SAFLEX OR DUPONT PVB W/BUTACITE INTERLAYER.
A. 1/8" HEAT STRENGTHENED GLASS, .090 INTERLAYER, 1/8" HEAT STRENGTHENED GLASS
B. 1/8" ANNEALED GLASS, .090 INTERLAYER, 1/8" ANNEALED GLASS
- 2.) CONFIGURATIONS: X
- 3.) DESIGN PRESSURE RATING: SEE TABLE
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLE ASTM E 1300-98.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLE ASTM E 1300-98.
- 4.) ANCHORS:
MAX. 5" FROM EACH CORNER
MAX. SPACING AT HEAD & SILL: 11"
MAX. SPACING AT JAMBS: 11"
- 5.) SHUTTER REQUIREMENT:
NO SHUTTERS REQUIRED
- 6.) REFERENCE TEST REPORT: FTL-2246

COMPARATIVE ANALYSIS FOR: 5/16" LAMINATED (1/8HS,.090,1/8HS)												
ALL SIZES UP TO 32.000 WIDE x 72.000 HIGH:										NEG	-75.0	POS 75.0

COMPARATIVE ANALYSIS FOR: 5/16" LAMINATED (1/8A,.090,1/8A)												
WINDOW WIDTH	WINDOW HEIGHT											
	40.000		50.625		63.000		68.000		70.000		72.000	
	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS
24.000	-75.0	75.0	-75.0	75.0	-75.0	75.0	-75.0	75.0	-75.0	75.0	-75.0	75.0
26.500	-75.0	75.0	-75.0	75.0	-65.9	65.9	-63.5	63.5	-62.6	62.6	-61.7	61.7
28.000	-75.0	75.0	-69.7	69.7	-58.6	58.6	-56.3	56.3	-55.3	55.3	-54.2	54.2
32.000	-75.0	75.0	-57.9	57.9	-46.4	46.4	-43.4	43.4	-42.2	42.2	-41.1	41.1

SEE SHEET 4 OF 5 FOR SECTIONS & GLAZING OPTION DETAILS

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 3/8/02	Revisions: MODIFY TABLE
Revsd By: F.K.	Date: 11/6/01	Revisions: ADD SHT & TABLES
Drawn By: D.B.	Date: 2/13/98	

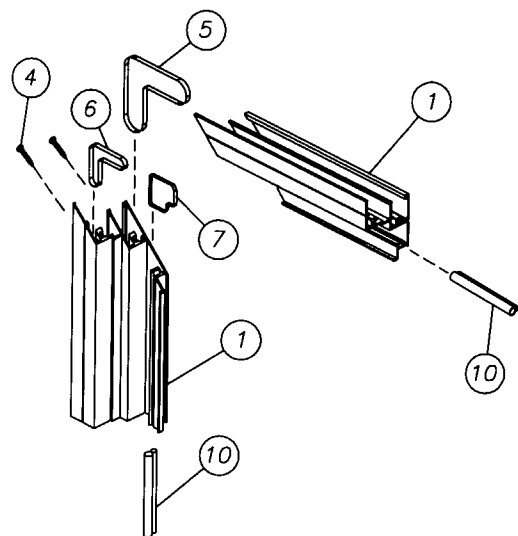
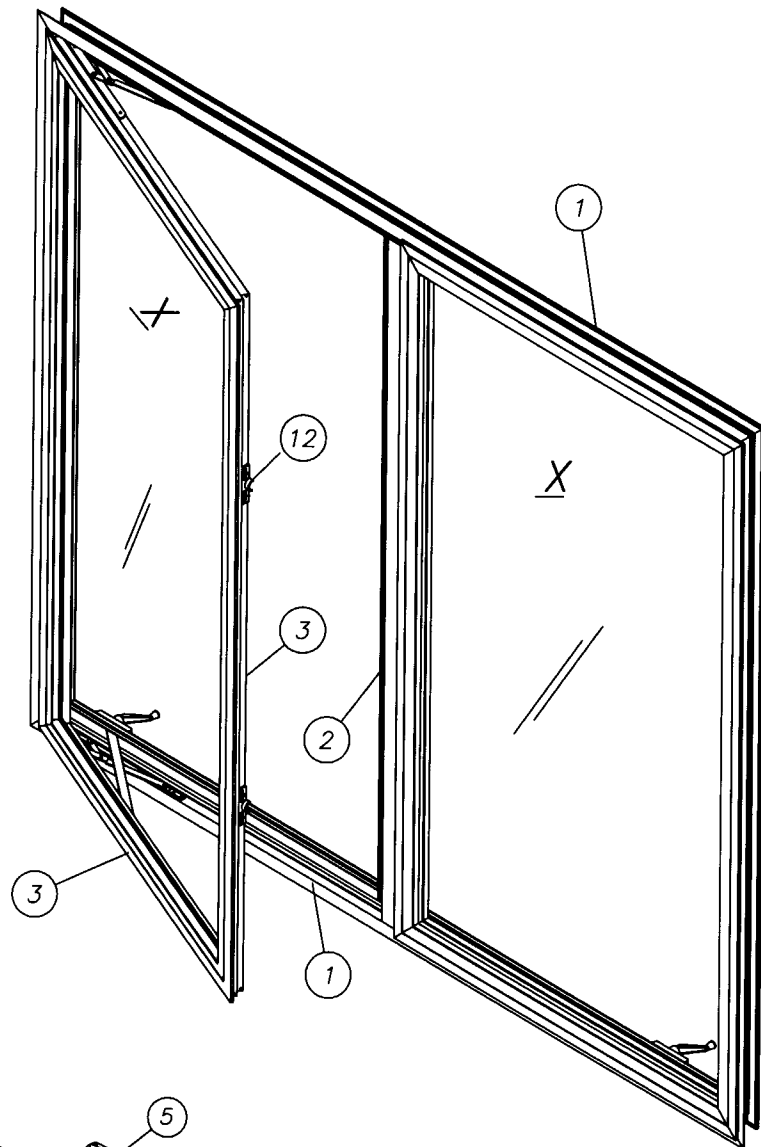
Description:
ELEVATION "X" CONFIG.

Title:
ALUMINUM CASEMENT IMPACT WINDOW

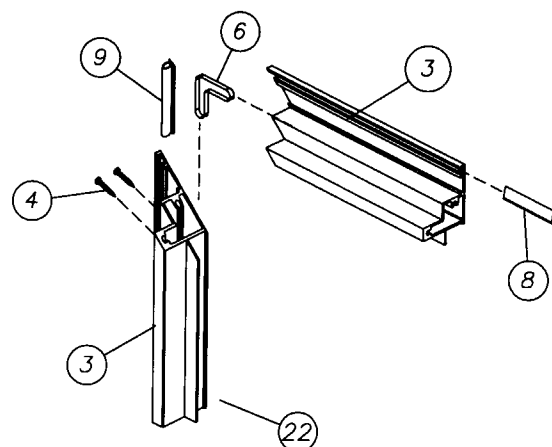
Series/Model: C-700	Scale: NTS	Sheet: 2 of 5	Drawing No. 339	Rev: F
------------------------	---------------	------------------	--------------------	-----------

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0327.04
Expiration Date January 20, 2007

By: 
Miami Dade Product Control
Division



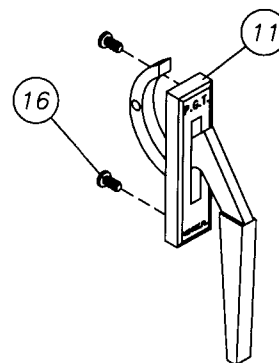
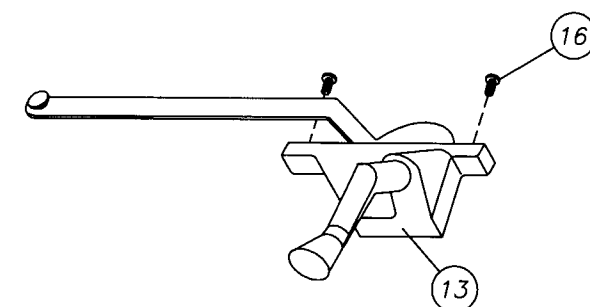
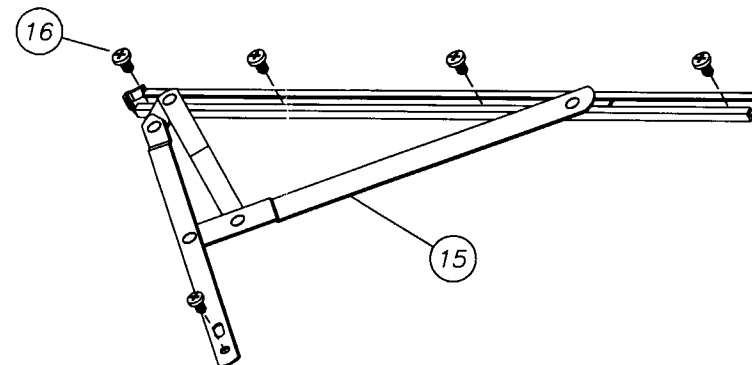
TYPICAL MAIN
FRAME CORNER



TYPICAL SASH CORNER

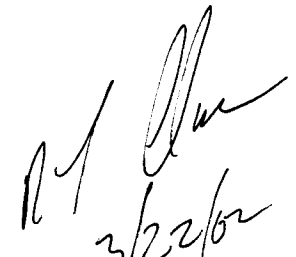
ITEM	PGT #	DESCRIPTION	QTY.	LOCATION	VENDOR	VENDOR #
1	60228	FRAME HEAD, SILL, JAMB	4 (4)		INDAL	GAS-44451
2	69999	FRAME MEETING RAIL	1 (0)		ALUMAX	GAH-44207
3	644588	SASH HEAD, SILL, JAMB (IMPACT)	8 (4)		INDAL	GAS-44588
4	781PQA	8x1 SCREW PAN HD. QUAD.	24 (16)	(main frame/sash assy. screws)	FASTEC IND.	
5	7CORNMLG	LG. MAIN FRM, CORNER KEY	4 (4)		PRECISION FAB.	
6	7CORNMSM	SM. MAIN FRM/SASH CORNER KEY	12 (8)		PRECISION FAB.	
7	40712	PLASTIC MAIN FRM. CORNER KEY	4 (4)		VINYL-TECH. / PGT	
8	6Q200K	W.STRIP, .190 x .200 QLON	1 (2)	(in vent top rail)	SCHLEGEL CORP.	Q200x190
9	6Q150K	W.STRIP, .190 x .150 QLON	6 (3)	(at vent bottom & side rails)	SCHLEGEL CORP.	Q150x190
10	6FRMBK	MAIN FRAME BULB WEATHERSTRIP	4 (4)	(in main frame)	PROTOTYPE PLASTICS	FP-176 BLACK
11	49004	SASH LOCK	2 (2)	(l.h. fr. jamb, 12" from ends)	VINYL-TECH. / PGT	49004
12	7KEEP	SASH LOCK KEEPER	2 (2)	(vent mtg rail, 12" from ends)	TRUTH HARDWARE	208000
13	7CAOR/L	CASEMENT OPER. RT/LEFT	2 (1)	(@ lower right frame corner)	TRUTH HARDWARE	23-19-23-002
14	7TRAK	OPERATOR GUIDE TRACK	2 (1)	(1 per operator)	TRUTH HARDWARE	30175
15	7CEHG	STANDARD HINGE	2 (1)	(@ right frame corners)	TRUTH HARDWARE	35.10.00.101
16	710516PPA	10x5/16 SCREW PAN HD. PHIL	12 (6)	(operator/hinge/trak screws)	MERCHANTS FASTENER	
17		5/16" (.350) W/MONSANTO INTERLAYER	2 (1)		H.P.G.	
18		5/16" (.350) W/DUPONT INTERLAYER	2 (1)		H.P.G.	
19	6536168	EXTRUDED GLAZING BEAD, 5/16	8 (4)		ALUMAX	536168
20	62899C	SILICONE			DOW CORNING	899
21	6SM55W	SEAM SEALER			SCHNEE-MOREHEAD	SM5504
22	6TP248	VINYL BULB WEATHERSTRIP	8 (4)		TEAM PLASTICS	TP-248

NOTE: QTY'S IN BRACKETS ARE FOR X CONFIGURATION



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0321.04
Expiration Date January 28, 2007

By 
Miami Dade Product Control
Division


3/22/02
Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 3/8/02	Revisions: NO CHG THIS SHT.
Revsd By: F.K.	Date: 11/6/01	Revisions: CORR. SHT. NO.
Drawn By: D.B.	Date: 2/13/98	

Description:

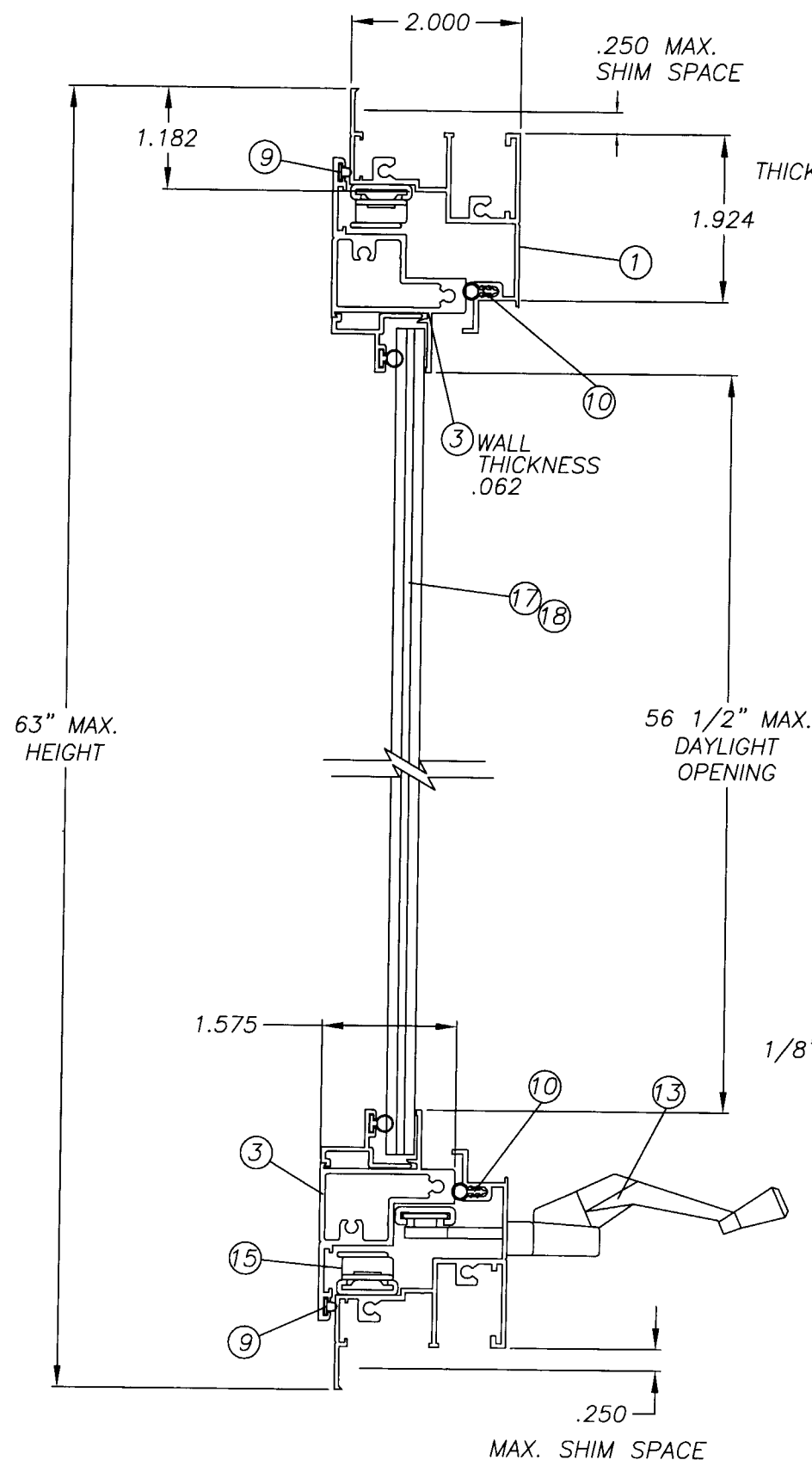
PARTS LIST

Title:

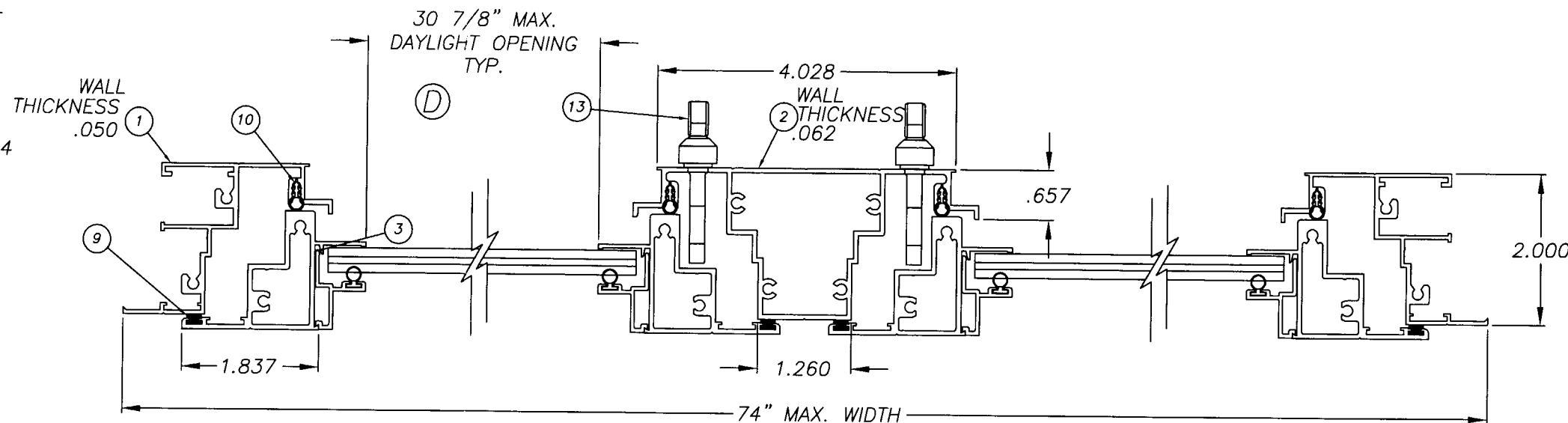
ALUMINUM CASEMENT IMPACT WINDOW

Series/Model: C-700	Scale: NTS	Sheet: 3 of 5	Drawing No. 339	Rev: F
------------------------	---------------	------------------	--------------------	-----------

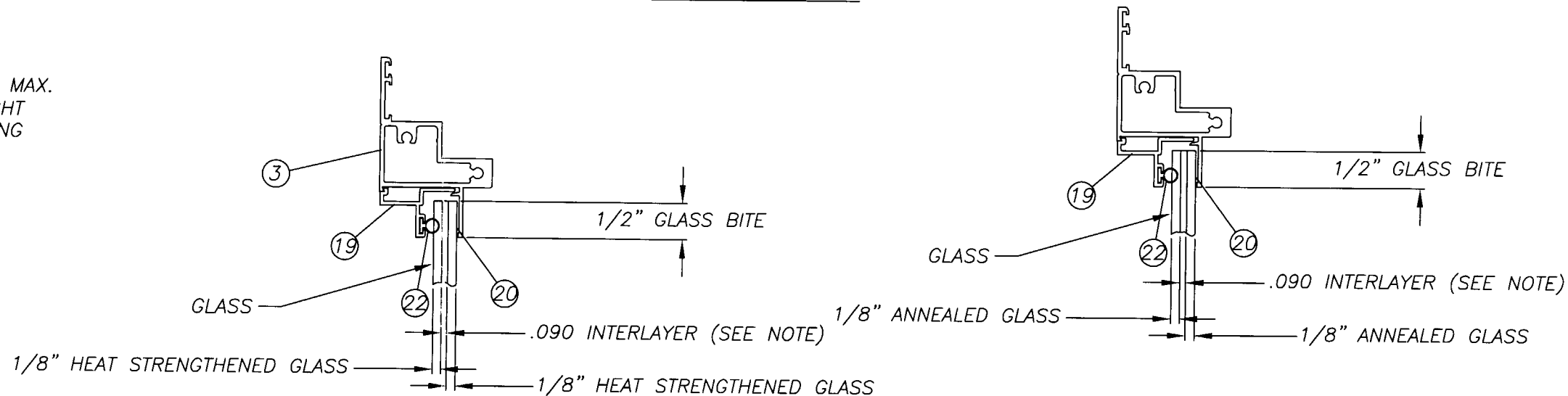
REFERENCE TEST REPORT: FTL-2246



SECTION A-A



SECTION B-B



NOTE: INTERLAYER IS .090 MONSANTO SAFLEX OR DUPONT W/BUTACITE

GLAZING OPTIONS: 5/16" (.350) LAMINATED GLASS

REFERENCE TEST REPORT: FTL-2246

Robert L. Clark, P.E.
PE #39712
Structural

RGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

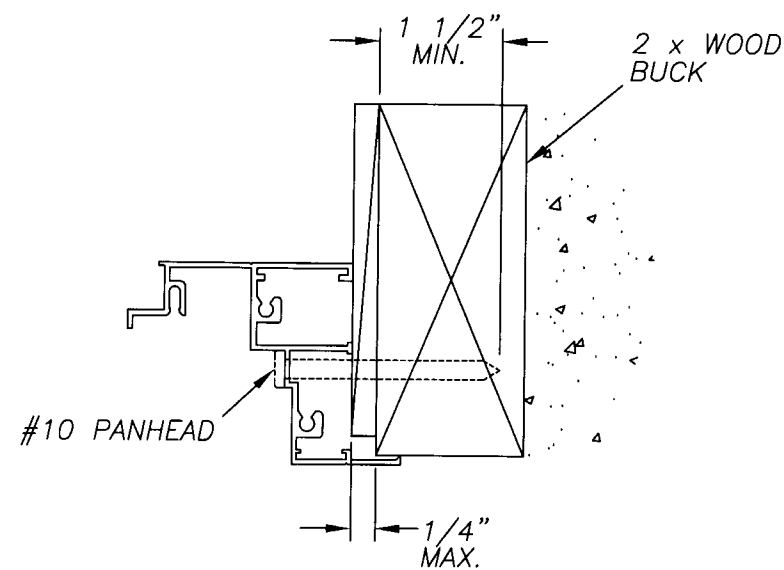
Revsd By: F.K.	Date: 3/8/02	Revisions: NO CHG THIS SHT.
Revsd By: F.K.	Date: 11/06/01	Revisions: GLAZING DET.
Drawn By: D.B.	Date: 2/13/98	

Description:
SECTIONS & GLAZING DETAILS

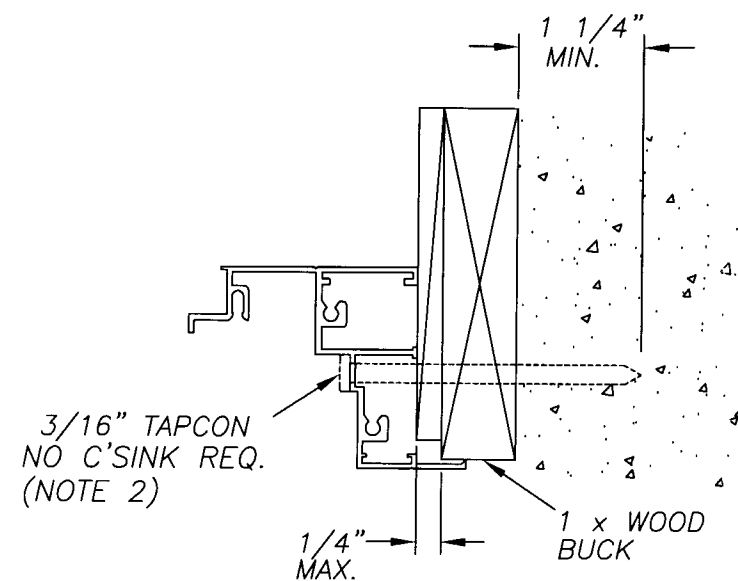
Title:
ALUMINUM CASEMENT IMPACT WINDOW

Series/Model: C-700	Scale: NTS	Sheet: 4 of 5	Drawing No. 339	Rev: F
------------------------	---------------	------------------	--------------------	-----------

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0327.04
Expiration Date January 29, 2007
By *[Signature]*
Miami Dade Product Control
Division



TYP. HEAD, SILL JAMB



TYP. HEAD, SILL JAMB

NOTE: 1. REFERENCE TEST REPORT FTL-2246 & COMP. ANALYSIS SHEETS FOR ANCHOR SPACING & STARTING POINTS.
2. USE MIAMI-DADE COUNTY APPROVED TAPCONS.

Robert L. Clark
3/22/01
Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

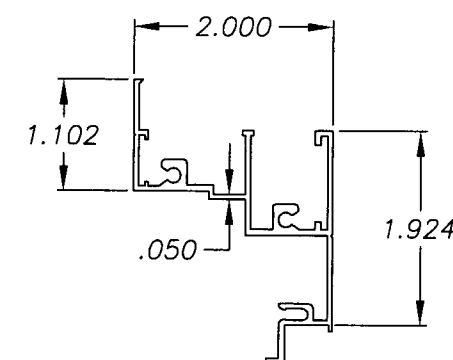
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 3/8/02	Revisions: NO CHG THIS SHT.
Revsd By: F.K.	Date: 11/6/01	Revisions: RMV ALT. ANCH.
Drawn By: D.B.	Date: 2/13/98	

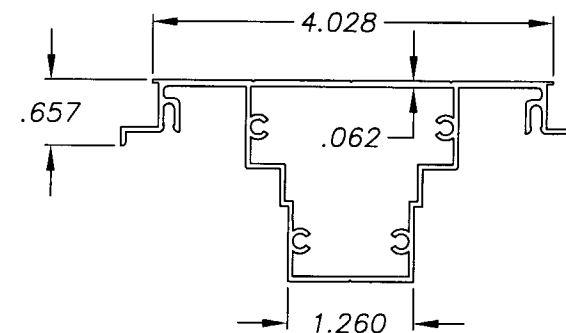
Description:
ANCHORAGE & EXTRUSION PROFILES

Title:
ALUMINUM CASEMENT IMPACT WINDOW

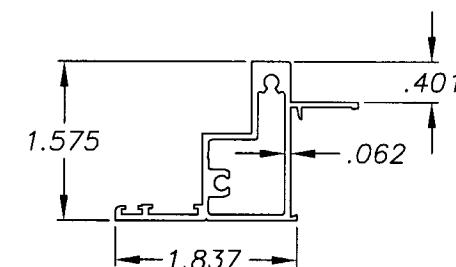
Series/Model: C-700	Scale: NTS	Sheet: 5 of 5	Drawing No. 339	Rev: F
------------------------	---------------	------------------	--------------------	-----------



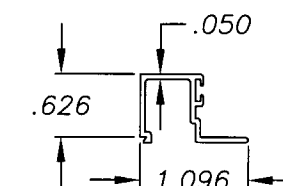
① MAIN FRAME
6063-T5 ALUM.



② FRAME MEETING RAIL
6063-T5 ALUM.



③ SASH FRAME, IMPACT
6063-T5 ALUM.



④ GLAZING BEAD, 5/16
6063-T5 ALUM.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0327.04
Expiration Date January 28, 2007
By *[Signature]*
Miami Dade Product Control
Division